GE
Lighting

roadway

a true efficiency trailblazer

San Diego improving Downtown District with LED street lighting with wireless controls

City is first in the United States to utilize GE's LightGrid™ technology

THE SITUATION

Looking to improve street lighting in its Downtown District, San Diego officials conducted lighting preference surveys of more than 100 residents and five key stakeholder groups that oversee the city's maintenance assessments.

THE SOLUTION

LED street lighting was favored after the study indicated broad-spectrum lighting was preferred by residents and business owners. Wireless lighting controls were chosen for additional benefits and savings.

GE's Evolve™ LED Avery StreetDreams™ Post Top lighting fixtures, equipped with the LightGrid™ Outdoor Wireless Control System, will replace approximately 3,000 high pressure sodium lamps in a move expected to save the city of San Diego upwards of $254,000 annually—likely even more when incorporating available dimming schedule features.

"GE worked with us to develop the perfect, functional fixture for our city with the ideal light output. GE added a band to reduce the uplight and incorporated a frosted lens per our residents' request. Adding in the adaptive controls took the solution a step further. It is the most beautiful light."

- Lorie Cosio-Azar, Project Officer,
City of San Diego Environmental Services Department

The first in the United States to utilize GE's LightGrid technology, the city of San Diego will offer residents, business owners and visitors improved and energy-efficient lighting that will significantly trim the city's spending and maintenance needs.

For more information, visit **gelighting.com/roadway**.

OPERATING IMPACT

- $250,000+ in annual savings
- With LightGrid, additional savings are expected by moving to a metered rate, rather than a flat-rate tariff, with its local utility company for the city's street light usage

ENVIRONMENTAL IMPACT

- Customized fixture incorporated a band to reduce uplighting
- Reduced CO_2 emissions

imagination at work

© GE 2014 33808 2/2014